Page 1 of 4

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				SERIAL NO. FILING DATE APPLICANT		10/574,886  Giblin et al.	
				GROUP EXAMINER ATTORNEY DOCKET NO.		1614	
						DD (0522)	PB60532USw
							ILS PATE
							Filing Date
Examine		Patent Number	Issue Date	Name	Class	Subclass	If Appropriate
Initials		1 (dilloci					repropriate
	1	5,219,856	June 15, 1993	Olson			
	2	5,232,945	Aug. 3, 1993	Hulin			
	3	5,344,991	Sept. 6, 1994	Reitz et al.		· · · · · · · · · · · · · · · · · · ·	
	. 4	5,420,287	May 30, 1995	Reitz et al.			
	5	5,424,450	June 13, 1995	Boswell et al.		, , , , , , , , , , , , , , , , , , ,	
	6	5,470,975	Nov. 28, 1995	Atwal		······································	
	7	5,474,995	Dec. 12, 1995	Ducharme et al.			
	8	5,512,681	Apr. 30, 1996	Boswell et al.		<u> </u>	
	9	5,563,128	Oct. 8, 1996	Pauls et al.			
	10	5,807,896	Sept. 15, 1998	Gericke et al.			
	11	5,840,746	Nov. 24, 1998	Ducharme et al.			
	12	5,972,986	Oct. 26, 1999	Seibert et al.			
	13	6,048,859	Apr. 11, 2000	Dorn et al.			
	14	6,066,766	May 23, 2000	Haber et al.			
	15	6,136,839	Oct. 24, 2000	Isakson et al.			
	16	6,440,963	Aug. 27, 2002	Leonardi et al.			
	17	6,451,843	Sept. 17, 2002	Lieb et al.			
	18	6,458,965	Oct. 1, 2002	Lieb et al.			
	19	6,495,149	Dec. 17, 2002	Scavone et al.			
	20	7,232,821	June 19, 2007	Giblin et al.			
	21	US2001/020100	Sept. 6, 2001	Manning et al.			
	22	US2001/047024	Nov. 29, 2001	Seibert et al.			
· · · · · · · · · · · · · · · · · · ·	23	US 2002 045605	Apr. 18, 2002	Kargman et al.			
	24	US2002/095041	July 18, 2002	Chan et al.			
	25	US2002/107276	Aug. 8, 2002	Isakson et al.			·
· · · · · · · · · · · · · · · · · · ·	26	US2003073844	Apr. 17, 2003	Ku et al.			
·····				e on page	····		
		1 _	FOREIGN PA	TENT DOCUMENT	rs T		r
		Document	Publication	C	Class	G-1-1	Translation
		Number	Date	Country	Class	Subclass	Yes   No
	27	AU 8311483	Mar. 3, 1982	AUSTRALIA			Abstract only
	28	BEL 611179	Dec. 6, 1960	BELGIUM			Abstract only
	29	DE 4032522	Apr. 16, 1992	GERMANY			Abstract only
	30	DE 4034728	May 7, 1992	GERMANY			Abstract only
	31	DE 20211496	Nov. 19, 2002	GERMANY			Abstract only
	32	DE 19612101	Oct. 2, 1997	GERMANY			Abstract only
	33	DE 4407488	Sept. 14, 1995	GERMANY	ļ		
	34	DT 2405171	Feb. 19, 1973	GERMANY			Abstract only
	35	EP 52300	Nov. 13, 1980	EUROPE		· · · · · · · · · · · · · · · · · · ·	Abstract only
	36	EP 131302	Jan. 16, 1985	EUROPE			
	37	EP 0470794	Feb. 12, 1992	EUROPE	-		
	38	EP 499415	Aug. 19, 1992	EUROPE	<b></b>		
	39	EP 499416	Aug. 19, 1992	EUROPE	<del>                                     </del>		
	40	EP 540009	May 5, 1993	EUROPE		· - · · · · · · · · · · · · · · · · · ·	
		EP 706795	Apr. 17, 1996	EUROPE			
	41	ED 0700000	0-4 0 1007	ממאמוזם!	•		1
	42	EP 0799823	Oct. 8, 1997	EUROPE			
		EP 0799823 EP 733366 EP 707007	Oct. 8, 1997 Apr. 1, 1998 Dec. 12, 2001	EUROPE EUROPE			

	46	EP 1264847	Dec. 11, 2002	EUROPE		Abstract only
	47	EP-1312605	May 21, 2003	EUROPE		Austrace only
	48	GB 2,272,899	June 1, 1994	GREAT		
	40	GD 2,272,099	June 1, 1994	BRITAIN		
	10	ID 04076097	Mor. 10, 1002			A betreet only
ļ	49	JP 04076087	Mar. 10, 1992	JAPAN		Abstract only
	50	JP 04235933	Aug. 25, 1992	JAPAN		Abstract only
	51	JP 05224442	Sept. 3, 1993	JAPAN		Abstract only
	52	JP 06065213	March 8, 1994	JAPAN		Abstract only
	53	JP 2002275064	Sept. 25, 2002	JAPAN		Abstract only
	54	JP 2002363748	Dec. 18, 2002	JAPAN		Abstract only
	55	JP 2003192659	July 9, 2003	JAPAN		Abstract only
	56	NE 6610022	Aug. 2, 1965	NIGER		Abstract only
	57	WO 91/15479	Oct. 17, 1991	WIPO		
	58	WO 92/02257	Fcb. 20, 1992	WIPO		
	59	WO 92/20642	Nov. 26, 1992	WIPO		
	60	WO 93/04045	Mar. 4, 1993	WIPO		
	61	WO 93/04046	Mar. 4, 1993	WIPO		
	62	WO 94/05658	Mar. 17, 1994	WIPO		
	63	WO 95/00501	Jan. 5, 1995	WIPO		
	64	WO 95/05372	Feb. 23, 1995	WIPO		Abstract only
	65	WO 95/11883	May 4, 1995	WIPO		
	66	WO 95/17393	June 29, 1995	WIPO		
	67	WO 95/26724	Oct. 12, 1995	WIPO		
	68	WO 95/27692	Oct. 19, 1995	WIPO		
<del></del>	69	WO 96/10012	Apr. 4, 1996	WIPO		
	70	WO 96/11902	Apr. 25, 1996	WIPO		
j. <u></u>	71	WO 96/11676	Apr. 25, 1996	WIPO		
<b></b>	72	WO 96/16934	June 6, 1996	WIPO		
	73	WO 96/36623	Nov. 21, 1996	WIPO		
	74	WO 96/37496	Nov. 28, 1996	WIPO		
	75	WO 96/41645	Dec. 27, 1996	WIPO		
	76	WO 97/03667		<del></del>		
	77	··	Feb. 6, 1997	WIPO		
<u> </u>		WO 97/05131	Feb. 13, 1997	WIPO		
	78	WO 97/11701	Apr. 3, 1997	WIPO		
	79	WO 97/16435	May 9, 1997	WIPO		
	80	WO 97/29748	Aug. 21, 1997	WIPO		
	81	WO 97/38986	Oct. 23, 1997	WIPO		
<del></del>	82	WO 98/55468	Dec. 10, 1998	WIPO		
***************************************	83	WO 98/16227	Apr. 23, 1998	WIPO		
	84	WO 98/25896	June 18, 1998	WIPO		
_	85	WO 98/28257	July 2, 1998	WIPO		Abstract only
	86	WO 99/17776	Apr. 15, 1999	WIPO		
<u></u>	87	WO 99/58487	Nov. 19, 1999	WIPO		
	88	WO 00/02887	Jan. 20, 2000	WIPO		
	89	WO 00/47553	Aug. 17, 2000	WIPO		
	90	WO 00/53149	Sept. 14, 2000	WIPO		
	91	WO 00/59506	Oct. 12, 2000	WIPO		
	92	WO 00/76489	Dec. 21, 2000	WIPO		
	93	WO 01/21582	Mar. 29, 2001	WIPO		Abstract only
	94	WO 01/64646	Sept. 7, 2001	WIPO	·	
	95	WO 01/081332	Nov. 1, 2001	WIPO		
	96	WO 01/55146	Aug. 2, 2001	WIPO		
	97	WO 02/12210	Feb. 14, 2002	WIPO		Abstract only
	98	WO 02/20004	Mar. 14, 2002	WIPO		
	99	WO 02/50002	June 27, 2002	WIPO		
	100	WO 02/099435	Dec. 12, 2002	WIPO		
	101	WO 02/100838	Dec. 19, 2002	WIPO		
	102	WO 03/02548	Jan. 9, 2003	WIPO		
	103	WO 03/006628	Jan. 23, 2003	WIPO		
	104	WO 03/010145	Feb. 6, 2003	WIPO		Abstract only

Page 3 of 4

11	05	WO 03/20790	Mar. 13, 2003	WIPO		Abstract only		
<del></del>	06	WO 03/45552	June 5, 2003	WIPO		Abstract only		
	07	WO 03/048257	June 12, 2003	WIPO				
	08	WO 03/051860	June 26, 2003	WIPO				
	09	WO 03/053927	July 3, 2003	WIPO		Abstract only		
	10	WO 04/39753	May 13, 2004	WIPO		Aostractomy		
1.	10	110 04/39/33	141ay 13, 2004	WIIO				
<u> </u>	·····	<u> I</u>	Contin	ue on page				
		OTHER DOCUME	<del>'''''''''''''''''''''''''''''''''''''</del>		nal-Date Page N	umber Etc.)		
[11	1			<del></del>		and Focal Ischemic Brain		
		Damage." Toxicologic	-		•			
112		فنفته كالمناذقات واستشنه الزاهر وبربات المامزة إبرب بمباغة والمناف كالمنفذة الاستنفادة الاستنفاد	<del></del>	1 <del></del>	<del></del>	and an example of chirality		
'			▼	<del>-</del>		ournal of Chemistry, Vol. 53, No		
		6, 2000, pgs 487-506.	,					
113		سعرين ينصبهم ومصطويره والأسماء بداها الأراث الأساب الماشان فعافلنا فتنافلنا	hirality transfer fro	om a piphenyl ax	is to a spiro cente	r and its reverse sequential self-		
		immolation." Tetrahed	•		-	•		
114		· · · · · · · · · · · · · · · · · · ·				Chemical and Engineering Data,		
		Vol. 16, No. 2, 1971,	• •					
11:				2'-methoxybiphe	nyl. A new route	to .omicronterphenyls."		
		Journal of The Americ		•	*			
110	6	Fuson, R.C., et al. "Ro	eaction of o-methor	xyphenylmagnes	ium bromide with	hindered ketones." Journal of		
		Organic Chemistry, Vo	ol. 27, 1962, pgs. 1	578-1581.				
111	7	Hori, M., et al. "Diber	nzothiophenes and	Related Compou	ınds. III. 1,2) Re	actions of 10-Substituted 9,9-		
		Dimethylthioxantheniu	ım and 5-Substitute	ed Dibenzothiop	henium Salts with	Organolithiums." Chemical &		
		Pharmaceutical Bulleti	n (1974), 22(9), pg	gs 2004-2013.				
[ 118	8	Imai, Y., et al. "Novel	axial chiral sulfur	-oxazoline ligan	ds with a biphenyl	backbone." Synlett, No. 8,		
		1999, pgs. 1319-1321.						
119		•			-	tagonist (ONO-8711) Reduces		
				Expression in R	ats with Chronic l	Nerve Constriction." Anesth		
		Analg. 2001, 93, pgs.			·····			
120	0	Kawano, et al. "Prostaglandin E2 EP1 Receptors: Downstream Effectors of Cox-2 Neurotoxicity." Nature						
10	Medicine, February 2006, 12(2), pgs. 225-229.					73.1		
12.	Lacombe, P., et al. "2,3-Diarylthiophene as potent ligands for the human EP1 prostanoid receptor."  Abstracts of Papers American Chemical Society, Vol. 220, No. Part 1, 2000, page MEDI 246.  Malik, O.P., et al. "Studies on Cannabinoids: Part III. Synthesis of 9,10,11,11a-Tetrahydro-6H,8H-  Partido(1,2 of [1,3]bergovagine". Indian Journal of Chemistry, Section B.: Organic Chemistry Including							
12								
122						•		
	l l	Pyrido(1,2-c] [1,3]benzoxazine." Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry, 1976, 14B(12), pgs 975-978.						
123		··· · · · · · · · · · · · · · · · · ·		<del></del>	metric tetrasubsti	tuted biaryl: 2.2'-dibydroxy-		
	Moorlag, H., et al. "An asymmetric synthesis of a C2 symmetric tetrasubstituted biaryl: 2,2'-dihye 6,6'-dimethyl-1,1'-biphenyl, a stable chiral system." Tetrahedron Letters, Vol. 34, No. 44, 1993, p					•		
		6996.				, 0 5 , , , , , , , , , , , , , , , , , ,		
124			xazoline-mediated	biaryl coupling	reactions. Stereog	controlled synthesis of 2,2'6,6-		
		tetrasubstituted biphen		• •		•		
125		<del></del>	<del>***</del>			or Prostaglandin E Receptor		
		•	•			Postoperative Pain." Anesth		
		Analg. 2002, 95, pgs.						
120	6	Omote, et al "The Ef	fects of Peripheral	Administration	of a Novel Selecti	ve Antagonist for Prostaglandin		
		E Receptor Subtype El	P1, ONO-8711, in	a Rat Model of I	Postoperative Pain	n." Anesth Analg., 2001, 92,		
		pgs. 233-8.						
123	7	Rathore, R., et al. "Eff	ficient Hydrogenati	ion of Sterically	Hindered Olefins	with Borane-Methyl Sulfide		
		Complex." Journal of						
128			• •	-	•	elective transition-metal		
		catalysis." Helvetica (						
129		Sarkar, et al "The Pro	•	• ,		uced Visceral Pain		
		Hypersensitivity in Hu		<del></del>		and Dec 1.4. Die 1		
130	ľ	•			•	on and Regulates Blood		
		Pressure." The Journa	<del></del>					
131		•		•	•	Excess of Organolithium		
		_		*		ed Isophthalic Acids." Izv.		
127		Akad. Nauk SSSR, Ser						
132	1	A	i Supplierin and P	унинаше Алаю	gs. Research Disc	closure, December 1995, pgs		
I	i	823-824.						

Page 4 of 4

133	Whitesell, J.K., et al. "Synthesis and Resolution of a New Chiral C2-Symmetric Bisphenol: Trans-1,2-Bis(2-Hydroxyphenyl)cyclopentane." Tetrahedron Letters, 1997, 38(15), pgs. 2589-2592.				
	Continue	on page			
EXAMINER		DATE CONSIDERED			
		ation is in conformance with MPEP § 609; Draw line through by of this form with next communication to the applicant.			